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AUG 13 2004

**Deliver to:** Williams, Alexander O., USPTO

Art Group: 2826

Facsimile No.: 703/872/9306

Date: August 13, 2004

From: Kenneth L. Cool, Reg. No. 40,570

Our Docket No.: 42P12040D

Number of pages 13 including this sheet.

Application No.: 10/670,025

**Filing Date:** 9/24/2003

**Enclosed are the following documents:**

- Amendment: Response ( 9 pgs)
- Appeal Brief (in triplicate) (        pgs)
- Application: \_\_\_\_\_  
(        pgs) w/cover & abstract)
- Assignment & Cover Sheet (        pgs)
- Certificate of Mailing \_\_\_\_\_
- Continued Prosecution Application (CPA)
- Declaration & POA (        pgs)
- Drawings:        sheets,        figures
- Extension of Time: \_\_\_\_\_
- Fee Transmittal (in duplicate)
- IDS & PTO/SB/08 (        pgs)
- Other \_\_\_\_\_

- Issue Fee Transmittal
- Notice of Appeal
- Petition for: \_\_\_\_\_
- Request for Continued Examination (RCE)
- Reply Brief ( \_\_\_\_pgs)
- Request & Certification Under 35 USC 122(b)(2)(B)(i)
- Request to Rescind Previous Nonpublication Request
- Response to Notice of Missing Parts & Formalities Letter
- Response to Written Opinion ( \_\_\_\_pgs)
- Terminal Disclaimer
- Transmittal of Publication Fee Due
- Transmittal Letter

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I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office. 10/11/2011

Krista Mathieson  
**Krista Mathieson**

08/13/2004

Date

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**TRANSMITTAL FORM***(to be used for all correspondence after initial filing)*

		Application No.	10/670,025
		Filing Date	September 24, 2003
		First Named Inventor	Damion T. Searls
		Art Unit	2826
		Examiner Name	Williams, Alexander O.
Total Number of Pages in This Submission	12	Attorney Docket Number	42P12040D

**ENCLOSURES (check all that apply)**

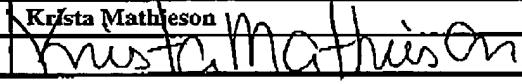
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<div style="border: 1px solid black; padding: 5px; height: 40px; vertical-align: top;">           Certificate of Transmission via facsimile.         </div>	
<input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> PTO/SB/08	<input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)		
<input type="checkbox"/> Certified Copy of Priority Document(s)			
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Basic Filing Fee  <input type="checkbox"/> Declaration/POA			
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53			
Remarks			

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kenneth J. Cool, Reg. No. 40,570  BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP	
Signature		
Date	AUGUST 13, 2004	

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Typed or printed name	Krista Matheson	Date
Signature		Aug 13, 2004

Based on PTO/SB/21 (04-04) as modified by Blakey, Sokoloff, Taylor & Zafman (wir) 06/04/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Docket No.: 42P12040D

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

Appl. No. : 10/670,025 Confirmation No. 4529  
 Inventor : Damion T. Searls  
 Assignee : Intel Corporation  
 Filed : September 24, 2003  
 Art Unit : 2826  
 Examiner : Williams, Alexander O.  
 Title : Semiconductor Device With Components Embedded in  
           Backside Diamond Layer

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OFFICE ACTION RESPONSE

MS Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed July 13, 2004, reconsideration and further examination of the application is hereby requested. Kindly consider the following:

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Krista Mathieson Aug 13, 2004  
 Signature Date

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 Appl. No.: 10/670,025

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**INTRODUCTORY COMMENTS**

**Request for an Extension of Time**

This Office Action Response is submitted in response to the Office Action dated July 13, 2004 for which the shortened statutory period for response was set to expire on August 13, 2004. It is believed that no additional extension of time fee is required. In the event any extension of time fee is required, or any other fee related to this Response is required, please consider this a request therefore. Authorization is hereby given to charge Deposit Account No. 50-0221 for such fee or fees.

**Authorization to Charge Deposit Account**

Authorization is hereby given to charge Deposit Account No. 50-0221 for any fee or fees related to this Office Action Response.

Docket No.: 42P12040D  
Appl. No.: 10/670,025

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